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PTO/SB/05 (08-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Please type a plus sign (+) inside this box  Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

JAE24USA

First Inventor

Dirk Luetjens

Title

Method & Apparatus for Optical  
Detection of Deformations

Express Mail Label No.

EK992695059US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☐ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 33]  
(preferred arrangement set forth below)
- Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 8]
5. ☐ Oath or Declaration [Total Pages     ]
- a. ☐ Newly executed (original or copy)  
Copy from a prior application (37 CFR 1.63 (d))
- b. ☐ (for continuation/divisional with Box 17 completed)
- i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

## ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of  
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure ☐ Copies of IDS  
Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☐ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☒ Other: 2 pg. Letter

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,  
or in an Application Data Sheet under 37 CFR 1.76:☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No.: \_\_\_\_\_

Prior application information:

Examiner: \_\_\_\_\_

Group / Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under  
Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.  
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 18. CORRESPONDENCE ADDRESS

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William Bak

Registration No. (Attorney/Agent)

37,277

Signature

Date 02-02-01

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the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC  
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February 2, 2001



Box PATENT APPLICATION

Commissioner for Patents

Washington, DC 20231

Sir:

We enclose, for filing purposes, a new patent application the particulars of which are as follows:

Inventor: Dirk Luetjens  
Residence: Wulfsdorfer Weg 22  
DE-22926 Ahrensburg  
Germany  
Post Office Address: Same  
Citizenship: Germany

Title: METHOD AND APPARATUS FOR OPTICAL DETECTION  
OF DEFORMATIONS, PARTICULARLY SMALL BUBBLES,  
IN OPTICAL DATA CARRIERS

Priority: German Patent Application No. 100 04 889.7  
filed February 5, 2000

Attorney's Docket No.: JAE24USA

CERTIFICATE OF EXPRESS MAILING  
(PATENT)

I certify that this paper is being deposited with the  
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Application, Commissioner of Patents, Washington,  
DC 20231".

Signed

Date

Express Mail No.

*M. J. Zevald*  
*2-2-01*  
*EK 99269505 9US*

Commissioner for Patents

February 2, 2001

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This application is being filed in a language other than English pursuant to 37 CFR §1.52(d), and without a signed Declaration and filing fee. The translation and verification of accuracy, the fee under §1.17(k), the signed Declaration, a signed Small Entity Statement, and the filing fee and surcharge under §1.16(e) will be supplied at a later date.

Please address all correspondence to:

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Sincerely yours,  
HOWSON AND HOWSON



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Enclosures:

23 Pages Specification  
9 Pages Claims  
1 Page Abstract  
8 Sheets of Drawings

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